Description: “The machine safety market is expected to witness significant growth in the coming years”
The machine safety market is expected to reach USD 4.98 billion by 2020, at a CAGR of 7.5% between 2015 and 2020. The key driving factor for the growth of this market is the growing emphasis on industrial safety and proactive safety measures. In addition, mandatory safety regulations and improvement in performance and brand image of the company are likely to drive the market for machine safety systems in the coming years.

“The market for integrated components is projected to grow rapidly in the coming years”
The machine safety market is segmented on the basis of implementation of these systems. The market for machine integrated safety components is expected to grow at the highest CAGR in the coming years. The machine integrated safety solutions increase efficiency, provide better flexibility to the operators, and reduce downtimes. Therefore, machine manufacturers focus on embedding safety components in various machines, thereby, offering comprehensive solutions to the users.

“APAC is expected to be the fastest-growing market for machine safety during the forecast period”
The market in APAC is expected to grow at the highest CAGR between 2015 and 2020. The major developing countries in the region, China and India, are expected to increasingly adopt the machine safety systems. Increasing emphasis on the machine and industrial safety regulations by various safety standard organizations, growing industrialization, and increasing adoption of safety cultures by multinational companies are projected to drive the market for machine safety systems in the region. The safety regulations in APAC are expected to become stringent for the organizations to follow. Thus, the market in APAC is likely to grow considerably in the coming years.

Break-up of profile of primary participants for the report as given below:
By Company Type - Tier 1 – 49%, Tier 2 – 27%, and Tier 3 – 24%
By Designation – C-level – 54%, Director level – 25%, Manager level – 21%
By Region – North America - 35%, Europe – 20%, APAC – 37%, RoW – 8%

The key players in the market include ABB Ltd. (Switzerland), EUCHNER GMBH CO. KG (Germany), Honeywell International (U.S.), IDEC Corp. (Japan), Mitsubishi Electric Corp. (Japan), PHOENIX CONTACT GmbH & Co. KG (Germany), Pilz GmbH & Co. KG (Germany), Rockwell Automation, Inc. (U.S.), Schneider Electric SE (France), and Siemens AG (Germany) among others.

Reasons to buy the report:
This report includes:
- Market statistics pertaining to product, implementation, application, and region
- Porter’s five forces framework, utilized along with the value chain analysis, to provide an in-depth insight of the machine safety systems market
- Major drivers, restraints, and opportunities for the machine safety market
- Analysis, forecast, illustrative segmentation of the market based on product, implementation, application, and geography
- Detailed competitive landscape, in-depth analysis, and revenue of key players

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Study Scope
      1.3.1 Markets Covered
      1.3.2 Geographic Scope
1.3.3 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
   2.1.1 Secondary Data
      2.1.1.1 Key Data From Secondary Sources
   2.1.2 Primary Data
      2.1.2.1 Key Data From Primary Sources
      2.1.2.2 Key Industry Insights
      2.1.2.3 Breakdown of Primaries
2.2 Market Size Estimation
   2.2.1 Bottom-Up Approach
   2.2.2 Top-Down Approach
2.3 Market Breakdown & Data Triangulation
2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
4.1 Machine Safety Market, 2015 - 2020 (USD Billion)
4.2 Market, By Product (2015 - 2020)
4.3 Market, By Application and Region (2015)
4.4 Market, By Country (2015)
4.5 Market, By Implementation Type (2015)

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
   5.2.1 Machine Safety Market, By Product
   5.2.2 Market, By Implementation & Element
   5.2.3 Market, By Application
   5.2.4 Market, By Region
5.3 Market Dynamics
   5.3.1 Drivers
      5.3.1.1 Growing Emphasis on Industrial Safety and Proactive Safety Measures
      5.3.1.2 Mandatory Regulations are Fueling the Market for Safety Systems
      5.3.1.3 Improvement in Performance and Brand Image of the Company
   5.3.2 Restraints
      5.3.2.1 Machine Safety Systems Incur Additional Costs
      5.3.2.2 Aftermarket Safety Solutions are Complex to Install and Sometimes Lack Synchronization
With Existing Setup
   5.3.3 Opportunities
      5.3.3.1 Industrial Internet of Things (IIOT) is Expected to Create New Opportunities
   5.3.4 Challenges
      5.3.4.1 Market Lacks Perfect Harmonization of Standards

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter's Five Forces Analysis
   6.3.1 Intensity of Rivalry
   6.3.2 Threat of Substitutes
   6.3.3 Bargaining Power of Buyers
   6.3.4 Bargaining Power of Suppliers
   6.3.5 Threat of New Entrants
6.4 Machine Safety Standards

7 Market Analysis, By Product
7.1 Introduction
7.2 Presence Sensing Safety Sensors
   7.2.1 Presence Sensing Sensor, By Component
      7.2.1.1 Proximity Sensors
      7.2.1.2 Fiber Optic Sensors
      7.2.1.3 Vision Sensors
      7.2.1.4 Ultrasonic Sensors
      7.2.1.5 Infrared Sensors
      7.2.1.6 Laser Sensors
   7.2.2 Presence Sensing Safety Sensor, By Type
      7.2.2.1 Edges
      7.2.2.2 Laser Scanners
      7.2.2.3 Light Curtains
      7.2.2.4 Mats
      7.2.2.5 Optoelectronic Devices
7.3 Emergency Stop Controls
   7.3.1 Palm Button Safety Controls
   7.3.2 Rope (Cable) Pull Switches
7.4 Programmable Safety Systems (Safety PLCs)
7.5 Safety Controllers/Modules/Relays
7.6 Safety Interlock Switches
   7.6.1 Electromechanical
   7.6.2 Hinge Pin
   7.6.3 Limit
   7.6.4 Non-Contact
   7.6.5 Tongue
   7.6.6 Trapped Key
7.7 Two-Hand Safety Controls

8 Market Analysis, By Implementation & Element
   8.1 Introduction
   8.2 Market, By Implementation
      8.2.1 Individual Components
      8.2.2 Integrated Components
   8.3 Market, By Element
      8.3.1 Hardware
      8.3.2 Software & Services

9 Market Analysis, By Application
   9.1 Introduction
   9.2 Assembly
   9.3 Material Handling
   9.4 Metal Working
   9.5 Packaging
   9.6 Robotics
   9.7 Welding
   9.8 Others

10 Market Analysis, By Geography
   10.1 Introduction
   10.2 North America
   10.3 Europe
   10.4 Asia-Pacific
   10.5 Rest of the World

11 Competitive Landscape
   11.1 Overview
   11.2 Market Ranking Analysis, 2014
   11.3 Competitive Situations and Trends
      11.3.1 New Product Launches
      11.3.2 Acquisitions, Contracts, and Expansions

12 Company Profiles
   (Overview, Products and Services, Financials, Strategy & Development)*
12.1 Introduction
12.2 Rockwell Automation Inc.
12.3 Siemens AG
12.4 Pilz GmbH & Co. Kg
12.5 Schneider Electric SE
12.6 Mitsubishi Electric Corporation
12.7 ABB Ltd.
12.8 Honeywell International Inc.
12.9 IDEC Corporation
12.10 Euchner GmbH + Co. Kg
12.11 Phoenix Contact GmbH & Co. Kg

*Details on Overview, Products and Services, Financials, Strategy & Development Might Not Be Captured in Case of Unlisted Companies

13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide
13.3 Introducing RT: Real-Time Market Intelligence
13.4 Available Customizations
13.5 Related Reports

List of Tables

Table 1 Currency Table
Table 2 Mandatory Regulations are Driving the Market for Machine Safety Systems
Table 3 The Additional Costs of Machine Safety Systems Act as A Restraint for the Market
Table 4 Growing Industrial Market in Asia-Pacific Expected to Create New Opportunities for the Market
Table 5 Market Lacks Perfect Harmonization of Standards Which Creates A Challenge to the Organizations
Table 6 Machine Safety Market Size, By Product, 2013 - 2020 (USD Million)
Table 7 Market Size, By Product, 2013 - 2020 (Million Units)
Table 8 Machine Safety: Presence Sensing Safety Sensor Market Size, By Type, 2013 - 2020 (USD Million)
Table 10 Machine Safety: Presence Sensing Safety Market Size, By Region, 2013 - 2020 (USD Million)
Table 11 Machine Safety: Emergency Stop Devices Market Size, By Type, 2013 - 2020 (USD Million)
Table 12 Machine Safety: Emergency Stop Devices Market Size, By Type, 2013 - 2020 (Million Units)
Table 13 Machine Safety: Emergency Stop Devices Market Size, By Application, 2013 - 2020 (USD Million)
Table 14 Machine Safety: Safety PLC Systems Market Size, By Type, 2013 - 2020 (USD Million)
Table 15 Machine Safety: Safety PLC Systems Market Size, By Type, 2013 - 2020 (Million Units)
Table 16 Machine Safety: Safety PLC Systems Market Size, By Application, 2013 - 2020 (USD Million)
Table 17 Machine Safety: Safety Controllers, Modules, and Relays Market Size, By Type, 2013 - 2020 (USD Million)
Table 18 Machine Safety: Safety Controllers, Modules, and Relays Market Size, By Application, 2013 - 2020 (USD Million)
Table 19 Machine Safety: Safety Controllers, Modules, and Relays Market Size, By Region, 2013 - 2020 (USD Million)
Table 20 Machine Safety: Safety Interlock Switches Market Size, By Type, 2013 - 2020 (USD Million)
Table 21 Machine Safety: Safety Interlock Switches Market Size, By Type, 2013 - 2020 (Million Units)
Table 22 Machine Safety: Safety Interlock Switches Market Size, By Application, 2013 - 2020 (USD Million)
Table 23 Machine Safety: Safety Interlock Switches Market Size, By Region, 2013 - 2020 (USD Million)
Table 24 Machine Safety: Two-Hand Safety Controllers Market Size, By Value and Volume
Table 27 Machine Safety: Two-Hand Safety Control Market Size, By Type, 2013 - 2020 (USD Million)
Table 30 Machine Safety Market Size, By Implementation Type, 2013 - 2020 (USD Million)
Table 31 Machine Safety Market Size, By Element Type, 2013 - 2020 (USD Million)
Table 32 Machine Safety Market Size for Assembly Application, By Product, 2013 - 2020 (USD Million)
Table 33 Market Size, By Application, 2013 - 2020 (USD Million)
Table 34 Machine Safety Market Size for Assembly Application, By Geography, 2013 - 2020 (USD Million)
Table 35 Market Size for Assembly Application, By Product, 2013 - 2020 (USD Million)
Table 36 Machine Safety Market Size for Material Handling Application, By Product, 2013 - 2020 (USD Million)
Table 37 Machine Safety Market Size for Material Handling, By Region, 2013 - 2020 (USD Million)
Table 38 Machine Safety Market Size for Metal Working Application, By Product, 2013 - 2020 (USD Million)
Table 39 Market Size for Metal Working Application, By Region, 2013 - 2020 (USD Million)
Table 40 Machine Safety Market Size for Packaging Application, By Product, 2013 - 2020 (USD Million)
Table 41 Machine Safety Market Size for Packaging Application, By Region, 2013 - 2020 (USD Million)
Table 42 Market Size for Robotics Application, By Product, 2013 - 2020 (USD Million)
Table 43 Machine Safety Market Size for Robotics Application, By Region, 2013 - 2020 (USD Million)
Table 44 Machine Safety Market Size for Welding Application, By Product, 2013 - 2020 (USD Million)
Table 45 Machine Safety Market Size for Welding Application, By Region, 2013 - 2020 (USD Million)
Table 46 Market Size for Other Applications, By Product, 2013 - 2020 (USD Million)
Table 47 Machine Safety Market Size for Other Applications, By Region, 2013 - 2020 (USD Million)
Table 48 Market, By Region, 2013 - 2020 (USD Million)
Table 49 North America: Machine Safety Market, By Product Type, 2013 - 2020 (USD Million)
Table 50 North America: Machine Safety Market, By Application, 2013 - 2020 (USD Million)
Table 51 North America: Presence Sensing Safety Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 52 North America: Emergency Stop Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 53 North America: Safety PLC Systems Market Size, By Application, 2013 - 2020 (USD Million)
Table 54 North America: Safety Controllers/Modules/Relays Market Size, By Application, 2013 - 2020 (USD Million)
Table 55 North America: Safety Interlock Switches Market Size, By Application, 2013 - 2020 (USD Million)
Table 56 North America: Two-Hand Safety Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 57 North America: Machine Safety Market, By Country, 2013 - 2020 (USD Million)
Table 58 Europe: Machine Safety Market, By Product, 2013 - 2020 (USD Million)
Table 59 Europe: Market, By Application, 2013 - 2020 (USD Million)
Table 60 Europe: Presence Sensing Safety Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 61 Europe: Emergency Stop Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 62 Europe: Safety PLC Systems Market Size, By Application, 2013 - 2020 (USD Million)
Table 63 Europe: Safety Controllers/Modules/Relays Market Size, By Application, 2013 - 2020 (USD Million)
Table 64 Europe: Safety Interlock Switches Market Size, By Application, 2013 - 2020 (USD Million)
Table 65 Europe: Two-Hand Safety Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 66 Europe: Machine Safety Market, By Country, 2013 - 2020 (USD Million)
Table 67 APAC: Machine Safety Market, By Product, 2013 - 2020 (USD Million)
Table 68 APAC: Market, By Application, 2013 - 2020 (USD Million)
Table 69 APAC: Presence Sensing Safety Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 70 APAC: Emergency Stop Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 71 APAC: Safety PLC Systems Market Size, By Application, 2013 - 2020 (USD Million)
Table 72 APAC: Safety Controllers/Modules/Relays Market Size, By Application, 2013 - 2020 (USD Million)
Table 73 APAC: Safety Interlock Switches Market Size, By Application, 2013 - 2020 (USD Million)
Table 74 APAC: Two-Hand Safety Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 75 APAC: Machine Safety Market, By Country, 2013 - 2020 (USD Million)
Table 76 RoW: Market, By Product, 2013 - 2020 (USD Million)
Table 77 RoW: Machine Safety Market, By Application, 2013 - 2020 (USD Million)
Table 78 RoW: Presence Sensing Safety Sensors Market Size, By Application, 2013 - 2020 (USD Million)
Table 79 RoW: Emergency Stop Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 80 RoW: Safety PLC Systems Market Size, By Application, 2013 - 2020 (USD Million)
Table 81 RoW: Safety Controllers/Modules/Relays Market Size, By Application, 2013 - 2020 (USD Million)
Table 82 RoW: Safety Interlock Switches Market Size, By Application, 2013 - 2020 (USD Million)
Table 83 RoW: Two-Hand Safety Controls Market Size, By Application, 2013 - 2020 (USD Million)
Table 84 RoW: Machine Safety Market, By Country, 2013 - 2020 (USD Million)
Table 85 Market: Market Ranking Analysis (2014)
Table 86 Most Significant New Product Launches in the Machine Safety Market, 2015
Table 87 Most Significant Acquisitions, Contracts, and Expansions in the Machine Safety Market, 2014-2020

List of Figures

Figure 1 Markets Covered
Figure 2 Machine Safety Market: Research Design
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Machine Safety Market Size, 2013 - 2020
Figure 6 Safety PLCs are Expected to Grow at the Highest CAGR Between 2015 and 2020
Figure 7 The Machine Safety Market, By Implementation, 2015-2020 (USD Million)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Machine Safety Market by Product (Safety Sensors, PLCS, Controllers, Modules, & Relays, and E-Stop Controls), Implementation, Application (Assembly, Material Handling, Metal Working, Packaging, & Robotics), & Region - Global Trend & Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3608118/
Office Code: SCBRO3IS

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: _______________________________ Last Name: _______________________________
Email Address: * _______________________________
Job Title: _______________________________
Organisation: _______________________________
Address: _______________________________
City: _______________________________
Postal / Zip Code: _______________________________
Country: _______________________________
Phone Number: _______________________________
Fax Number: _______________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

- Account number: 833 130 83
- Sort code: 98-53-30
- Swift code: ULSBIE2D
- IBAN number: IE78ULSB98533083313083
- Bank Address: Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp